



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

ADD 25 1994

KAREN M. PITCHER
MILES, INC.
AGRICULTURAL DIVISION
8400 HAWTHORNE ROAD BOX 4913
KANSAS CITY, MO. 64120

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 7/14/93 in Response to PR Notice 93-7
EPA Reg. No. 3125-126
DI-SYSTON SYSTEMIC INSECTICIDE FOR VEGETABLES

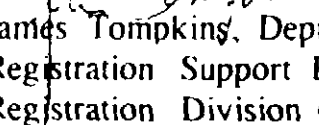
Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

DI-SYSTON Systemic Insecticide

126-7905.YLD

Base Pre-Reg (7905)

U.S. LABEL-(S)

Reason to Issue: To revise label to remove from scope of Worker Protection Standard, PR Notice 93-7.

Date of Draft: 07/10/93(Pre-Reg)(P)

DI-SYSTON[®] SYSTEMIC INSECTICIDE FOR VEGETABLES

ACCEPTED
with COMMENTS
in EPA Letter Dated
APR 25 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
3125-126

Protects vegetable plants such as beans, cabbage, lettuce, peas and potatoes from damage by aphids, mites, leafminers, leafhoppers, flea beetles, and certain other pests in home gardens and home greenhouses.

ACTIVE INGREDIENT:
Disulfoton (O,O-Diethyl S-[2-(ethylthio)-ethyl] phosphorodithioate) 2%
INERT INGREDIENTS: 98%
100%

EPA Reg. No. 3125-126

Net Weight: ___ Pounds

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

WARNING

(See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements)

AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)



000000
000000



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed or inhaled. Rapidly absorbed through skin. Do not breathe dust. Do not get in eyes, on skin or clothing. Wear rubber gloves when applying this product.

Do not contaminate feed or food. Keep out of reach of children. Wash thoroughly after handling. Keep children and pets off treated areas until product is worked into the soil and the treated areas have dried completely.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have patient lie down and keep quiet. Professional medical assistance should be secured immediately. If inhaled, remove victim to fresh air. Apply artificial respiration if indicated. If on skin,

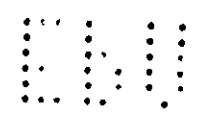
remove contaminated clothing and wash affected areas with soap and water. If in eyes, flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Gastric lavage may be indicated if product was taken internally. Disulfoton is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by disposing of equipment washwaters. Cover or incorporate spills.

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.



DIRECTIONS FOR USE

NOTE: Not for use in commercial greenhouses or nurseries or in commercial vegetable production.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

IMPORTANT: Read these entire Directions and Conditions of Sale before using DI-SYSTON Systemic Insecticide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL

DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

HOW INSECTS ARE KILLED: DI-SYSTON Systemic Insecticide enters a plant through its roots (systemic action) and is then moved to all parts of the plant through natural growth and sap flow. Working from inside the plant, it kills sucking insects that feed on the plant.

HOW TO USE: Apply the ready-to-use granules uniformly (see Recommended Applications) to the soil near the seed or around the base of the plants at planting time only. Mix the granules into the top soil or below or to one side of the seed furrow, then water. The chemical, released from the granules, will leach into the root zone and be absorbed into the plant or be taken up by the roots as the seed develops into a plant.

RECOMMENDED APPLICATIONS		
CROP	INSECT	REMARKS
VEGETABLES Beans Lettuce	Aphids Leafhoppers Mexican bean beetle (larvae) Mites Thrips	Apply 3 oz per 50 ft of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules. Do not feed bean vines or hay.
Broccoli Brussels sprouts Cabbage Cauliflower	Aphids Leafhoppers Mites Thrips Flea beetles	<p>In the Seed Furrow: Apply 2 oz per 50 ft of row either below or to one side of the seed. Do not allow seed to come into direct contact with the granules.</p> <p>In the Transplant Hole: Apply 1 level teaspoonful per plant in the transplant hole. Mix granules with soil in hole prior to setting the plant.</p>
Peas	Aphids Leafhoppers Leafminers Mites Thrips	Apply 2 oz per 50 ft of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules. Do not feed pea vines or hay.
Potatoes	Aphids Flea beetles Leafhoppers Potato psyllid	Apply 6 oz per 50 ft of row with seed pieces at planting time only. Do not mix this product with Phosalone.

RESTRICTIONS

Use this product only in accordance with label directions.

Do not apply broadcast applications to lawns. Food utensils such as teaspoon or measuring cup should not be used for food purposes after use with insecticides.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Do not reuse empty container. Securely wrap original container in several newspapers and put in trash collection.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

Miles, Inc.
Specialty Products
Box 4913, Kansas City, MO 64120-0013



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Adm

APR 25 1994

KAREN M. PITCHER
MILES, INC.
AGRICULTURAL DIVISION
8400 HAWTHORNE ROAD BOX 4913
KANSAS CITY, MO. 64120

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 7/14/93 in Response to PR Notice 93-7
EPA Reg. No. 3125-126
DI-SYSTON SYSTEMIC INSECTICIDE FOR VEGETABLES

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

James Tompkins
James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

1985

DI-SYSTON Systemic Insecticide

126-7905.YLD

Base Pr

U.S. LABEL-(S)

Reason to Issue: To revise label to remove from scope of Worker Protection Standard, PR Notice 93-7.

Date of Draft: 07/10/93

DI-SYSTON[®]
SYSTEMIC INSECTICIDE
FOR VEGETABLES

ACCEPTED
with COMMENTS
in EPA Letter Dated
APR 25 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pest(s) registered under EPA Reg. 3125-126

Protects vegetable plants such as beans, cabbage, lettuce, peas and potatoes from aphids, mites, leafminers, leafhoppers, flea beetles, and certain other pests in home greenhouses.

ACTIVE INGREDIENT:

Disulfoton (O,O-Diethyl S-[2-(ethylthio)-ethyl] phosphorodithioate)

INERT INGREDIENTS:

EPA Reg. No. 3125-126

Net Weight

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

WARNING

(See Rear Panel for Statements of Practical Treatment and Other Precautionary S

AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you can't understand English, do not use until the label has been fully expl



.....

.....

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed or inhaled. Rapidly absorbed through skin. Do not breathe dust. Do not get in eyes, on skin or clothing. Wear rubber gloves when applying this product.

Do not contaminate feed or food. Keep out of reach of children. Wash thoroughly after handling. Keep children and pets off treated areas until product is worked into the soil and the treated areas have dried completely.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have patient lie down and keep quiet. Professional medical assistance should be secured immediately. If inhaled, remove victim to fresh air. Apply artificial respiration if indicated. If on skin,

remove contaminated clothing and wash affected areas with soap and water. If in eyes, flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Gastric lavage may be indicated if product was taken internally. Disulfoton is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by disposing of equipment washwaters. Cover or incorporate spills.

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

DIRECTIONS FOR USE

NOTE: Not for use in commercial greenhouses or nurseries or in commercial vegetable production.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

IMPORTANT: Read these entire Directions and Conditions of Sale before using DI-SYSTON Systemic Insecticide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL

DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

HOW INSECTS ARE KILLED: DI-SYSTON Systemic Insecticide enters a plant through its roots (systemic action) and is then moved to all parts of the plant through natural growth and sap flow. Working from inside the plant, it kills sucking insects that feed on the plant.

HOW TO USE: Apply the ready-to-use granules uniformly (see Recommended Applications) to the soil near the seed or around the base of the plants at planting time only. Mix the granules into the top soil or below or to one side of the seed furrow, then water. The chemical, released from the granules, will leach into the root zone and be absorbed into the plant or be taken up by the roots as the seed develops into a plant.

RECOMMENDED APPLICATIONS		
CROP	INSECT	REMARKS
VEGETABLES Beans Lettuce	Aphids Leafhoppers Mexican bean beetle (larvae) Mites Thrips	Apply 3 oz per 50 ft of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules. Do not feed bean vines or hay.
Broccoli Brussels sprouts Cabbage Cauliflower	Aphids Leafhoppers Mites Thrips Flea beetles	<p>In the Seed Furrow: Apply 2 oz per 50 ft of row either below or to one side of the seed. Do not allow seed to come into direct contact with the granules.</p> <p>In the Transplant Hole: Apply 1 level teaspoonful per plant in the transplant hole. Mix granules with soil in hole prior to setting the plant.</p>
Peas	Aphids Leafhoppers Leafminers Mites Thrips	Apply 2 oz per 50 ft of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules. Do not feed pea vines or hay.
Potatoes	Aphids Flea beetles Leafhoppers Potato psyllid	Apply 6 oz per 50 ft of row with seed pieces at planting time only. Do not mix this product with Phosalone.



RESTRICTIONS

Use this product only in accordance with label directions.

Do not apply broadcast applications to lawns. Food utensils such as teaspoon or measuring cup should not be used for food purposes after use with insecticides.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Do not reuse empty container. Securely wrap original container in several newspapers and put in trash collection.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

Miles, Inc.
Specialty Products
Box 4913, Kansas City, MO 64120-0013